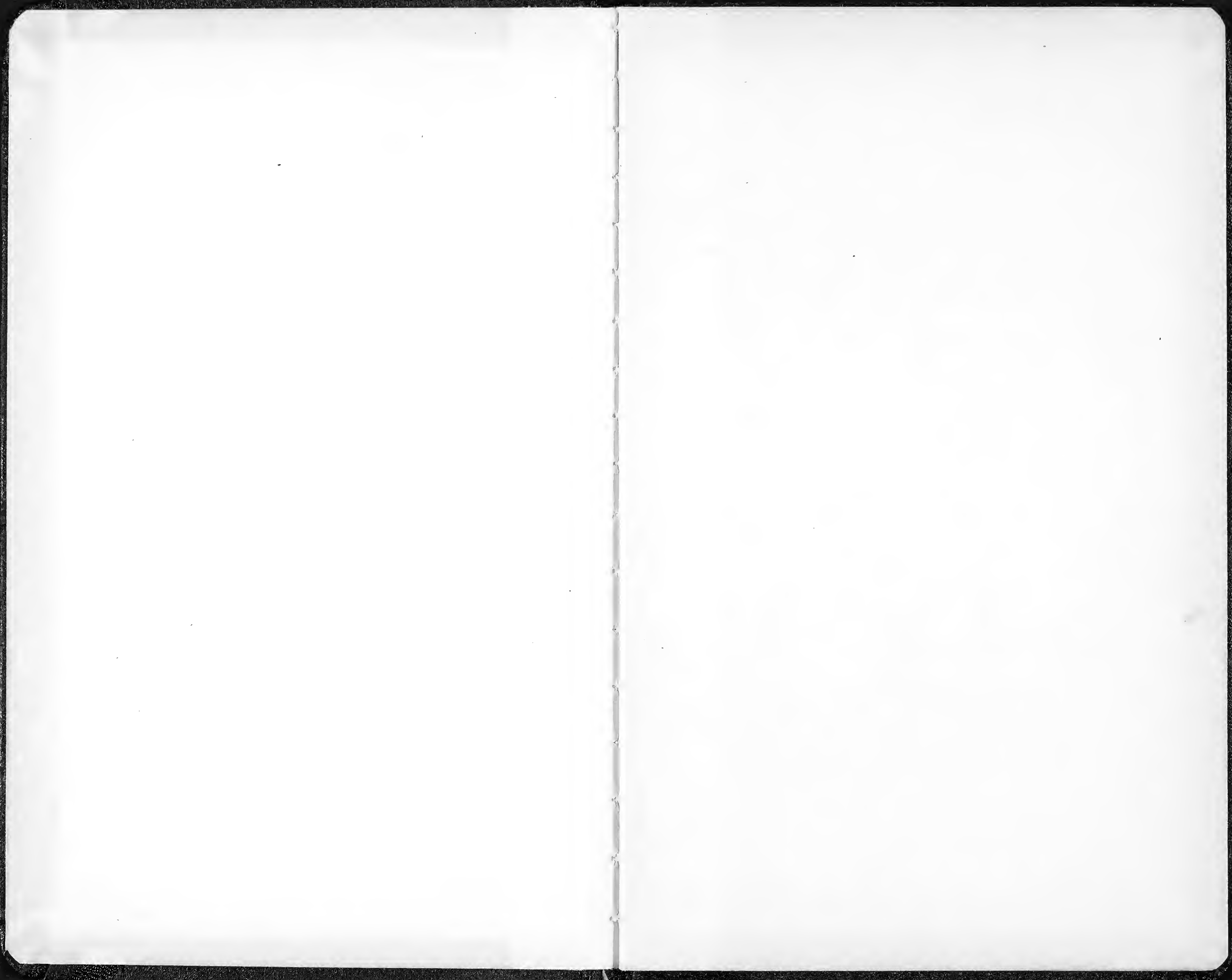


7530-274-5494  
FEDERAL SUPPLY SERVICE





RH 442

Col: RPH

Date: April 8, 1977

Location: Twin Cays, the eastern mouth of the mangrove area.

Depth: ~~8 meters~~ feet = 2 m

Sediment: Coral clay w. some turtle grass

Gear: NMD

Remarks: Echinoderes, Trachydermis, & Pycnophyes were present.

RH 443

Col: RPH

Date: April 8, 1977

Location: 500 m. west of RH 442

Depth: ~~10 m~~ ~~7 m~~ 3.3

Sediment: Fine coral mud in turtle grass, outside of mangrove area.

Gear: NMD

Remarks: Few chironomids, a lot of Tanaids as compared w. RH 442, large young clams Echinoderes, Trachydermis & Pycnophyes were present.

RH 444

Col: RPH

Date: April 8, 1977

Location: 1000 m. southwest of RH 442

Sediment: Fine coral mud in turtle grass, outside of mangrove area.

Depth: ~~10-15 m~~ ~~3 m~~ 10 AD

Gear: NMD

Remarks: Same fauna present as in 443,  
however more kinorhynchs than in 443  
Echinoderes, Pycnophyes, Trachydermus

RH 445

Col: RPH

Date: April 9, 1977

Location: Sand trough in the outer fore-reef area  
of the transect across barrier reef at  
Carrie Bow Cay, Belize.

Depth: 80 feet ~~4 m~~ (25 m)

Gear: NMD

Sediment: Fine sand

Remarks: Sample poor when compared w. previous  
samples (Tanaids, few copepods  
small nematodes).  
Echinoderes present - very small & a few  
Pycnophyes.

RH 446

Col: RPH

Date: April 10, 1977

Location: Thalassia zone of the lagoon in the transect  
across the barrier reef at Carrie Bow  
Cay, Belize

Depth: ~~3 meters~~ 3<sup>2</sup> meters

Gear: NMD

Sediment: Mixed sand & shell, some fine sediment  
(Halimeta sand)

Remarks: Abundance of Echinoderes, one Sennoderes (?),  
poor kinorhynch sample, sample was small.

RH 447

Col: RPH

Date: April 10, 1977

Location: Sand & rubble zone of the lagoon in the  
transect across the barrier reef at Carrie Bow  
Cay.

Depth: ~~3 meters~~ (1.5 m)

Sediment: Halimeta sand

Gear: NMD

Remarks

Note: CRC Marine Formula 6-66 No. 06006

Sta. A - Thalassia lagoon

Sta. B - Sand & rubble lagoon

Sta. C - Rubble & pavement back reef

Sta. D - Lower spur & groove zone, inner  
for - reef.

Sta. E. - Sand trough, outer for - reef.

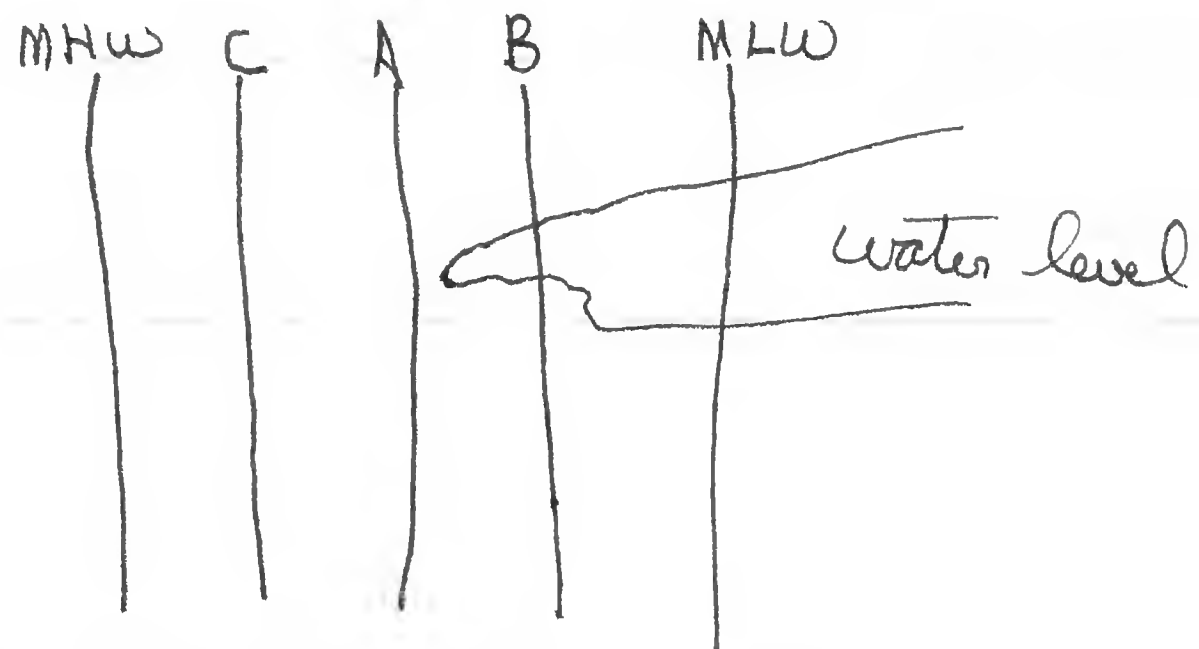


RH 450

June 29, 1977

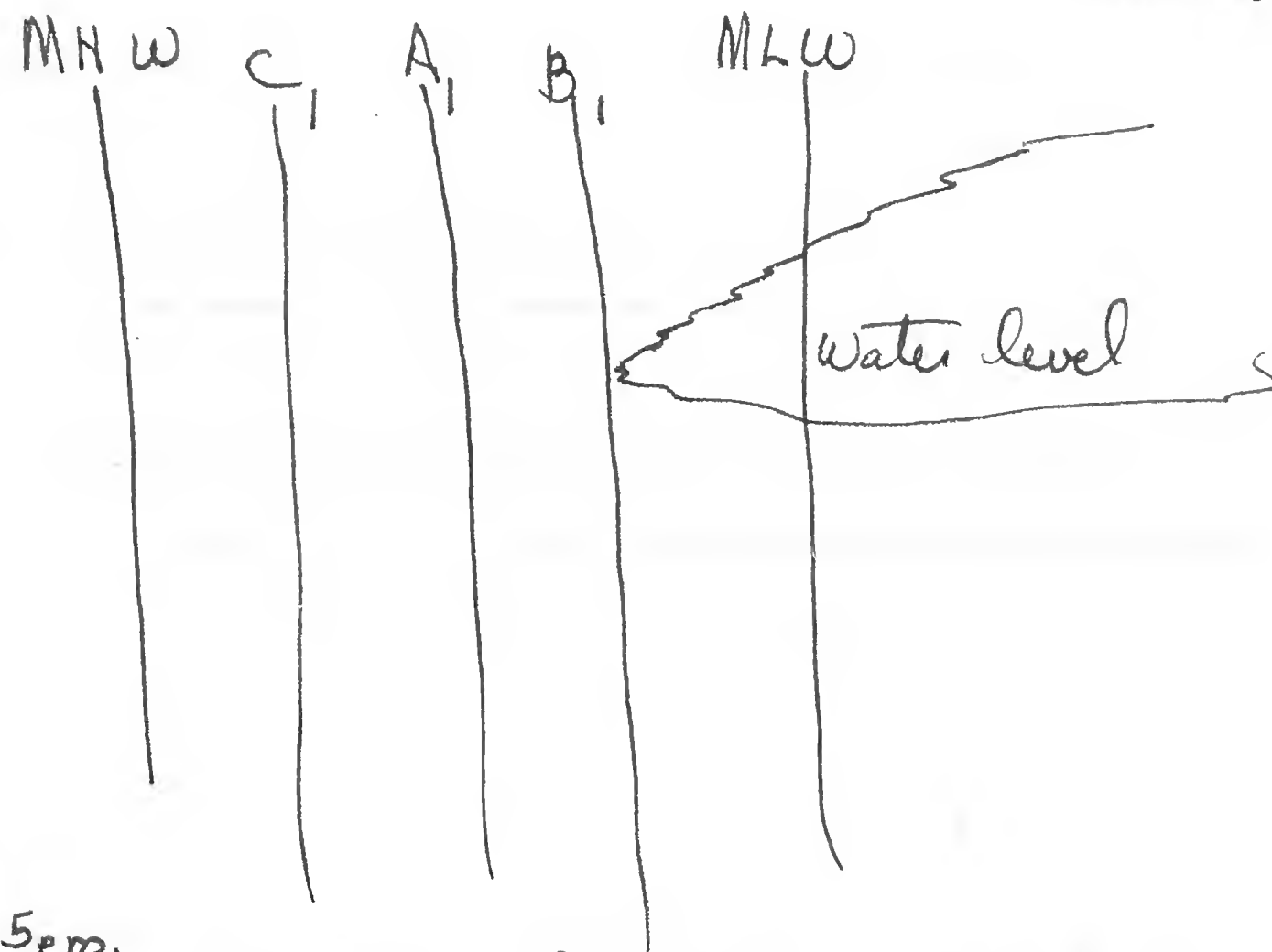
Cape Henlopen Beach

10:15 a.m. - intermediate ebb Tide



1:45 p.m.

} Tide had just ~~passed~~ reached low mark -  
1:20 scheduled low tide



1:15 p.m.

~~1:15 p.m.~~ - Sand samples taken at 3 sampling areas. (A<sub>s</sub>, B<sub>s</sub>, C<sub>s</sub>)

June 29, 1977  
 Sampling Procedure for A, B, C,  
 + A<sub>1</sub>, B<sub>1</sub>, C<sub>1</sub>  
 1) 1<sup>st</sup> cm layer of ~~sh~~ sand was shoveled  
 away.

2) Two shovel-full of sand were placed in a  
 bucket.

3) Filtered seawater w. 10% ETOH was added  
 to bucket of sand.

4) Sand was washed & stirred w. seawater -  
 10% ETOH mixture - & solution was  
 decanted off & passed thru a mermaid bra.

5) Material placed in jars & formalized.

Sampling procedure for sand samples  
 A<sub>S</sub>, B<sub>S</sub>, C<sub>S</sub>  
 Top 3 cm of sand was removed  
 Glass jar was placed in sand as a  
 coring tube  
 Sand sample preserved w. formalin.

## Priapulids

Tel. comm. w. Duane Hop  
 2 samples contained mystery beast

6 pm } both at intermediate  
 6 am } flood tides

halfway between high &  
 low tide

5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> cm contained specimens  
 of priapulids

## Results:

No. of Pria

Sample  
 B<sub>S</sub>

A - lot of fauna  
 (Mysticocarid  
 Gastrotrichs  
 Oligochaetes etc)

B<sub>1</sub>

